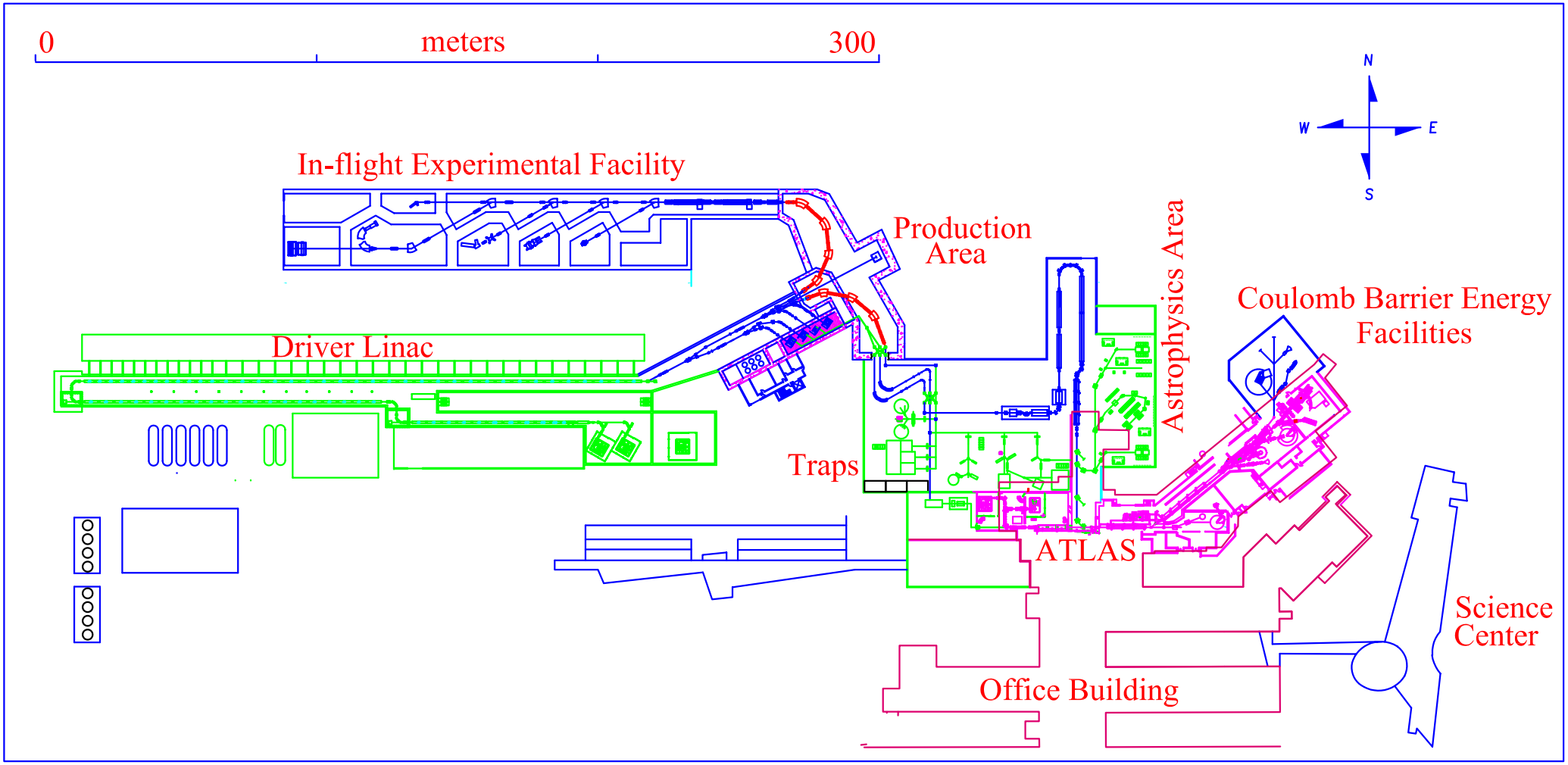RARE ISOTOPE ACCELERATOR